

# How to Add a Wi-Fi Camera to a Uniview Non-Wi-Fi NVR?



## How to Add a Wi-Fi Camera to a Uniview Non-Wi-Fi NVR?

#### Description

Customers may need to add some additional Wi-Fi cameras onto their Non-Wi-Fi NVR. *Note:* This method is applicable to most of the scenarios encountered problems, if the method still cannot solve your problem, it is recommended to consult our Tech Support Team. <u>https://global.uniview.com/Support/Service\_Hotline/</u>

### **Operating Steps**

**Step 1** Connect the Wi-Fi camera to your router's network.

*Note:* Generally a Wi-Fi camera needs an app to get it connected to the router's network.

Step 2 Add the Wi-Fi camera to the Uniview NVR.

Once the camera is connected to the router's network, it will be detected by the NVR on the bottom of the camera list on the GUI or in the camera list when you do auto search on the NVR's web interface.

	You will be able to search	and find the camera	and add it through	IP address then.
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لميا Camera	Encoding	O Refresh	Q Search Segme		More				
	Lincouning	Camera	Address	Status	Protocol	Model	Cam Config	Configure	Details
$\odot$	Audio	D8(IP Camera 14ptz2)	172.1.90.223		Uniview				
VCA		D9(IP Camera 07ptz3)	172.1 90.223		Uniview				
~	Snapshot	D10(IP Camera 02)	172.16.0.19		Uniview				
	OSD	D11(IP Camera 09ptz.	172.1.90.223		Uniview				
Network	Image	D12(IP Camera 12)	172.1.90.228		Uniview				
6	image	D13(IP Camera 13)	172.16.0.14		Uniview				
System	Privacy Mask	D14(IP Camera 14)	172.16.0.15		Uniview				
_	PTZ	D15(IP Camera 15)	172.16.0.16		Uniview				
		D16(IP Camera 02)	172.1.90.11		Uniview	IPC9312LFW-AF28-2X4			
васкир			172.1.90.11		Uniview	IPC9312LFW-AF28-2X4			
$\square$			172.1.90.39		ONVIF	XVR301-04Q			
Storage			172.1.90.45		Uniview	IPC2122SR3-F40W-D			
			172.1.90.179	15	Uniview	IPC675LFW-AX4DUPKC-VG	(E.	0	
			172.1.90.190		Uniview	ET-B31H-M			
Alarm			172.1.90.203		Uniview	IPC361458-ADF28KM-I0			
23 Maintenance		Discovered Device(s):8, A	dded Device(s) 16;ld	e Receive	Bandwidth: 30	19Mbps			
		Auto Switch to H.265	Auto Sv	witch to U	Code 🧿	Off OBasic OAd	vanced		Exit



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Product:	Title: How to Add a Wi-Fi Carr   Product: Product:   V Live View Playback © Setup   t Camera Fisheye   em V Camera Fisheye   amera Auto Switch to H.225 © On Off Note: Effective when   amera Auto Switch to H.225 © On Off Note: Effective when   Auto Switch to U-Code Off Note: Effective when Address Q   S0 No. Camera 172.130.240 D P   Bab O UP Camera 172.130.240 D D D UP Camera 172.130.240 D   Ideo Loss D S0 (P Camera 172.130.230 D D D UP Camera 172.130.223 D   Ideo Loss D S0 (P Camera 172.130.230 D D D UP Camera 172.130.230 D   Ideo Loss B B (IP Camera 172.130.230 D D D UP Camera 172.130.230 D   Ideo D ID (DP Camera 172.130.230 D D D UP Camera 172.130.230 D D D U	Ν	IVR				Date	9/26/2	023				
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Image			1	D1 (IP Camera	172.1.90.240	80	1	Uniview		UNIVIEW	NVR308-64E-B	Ø	Access
Schedule			2	D2 (IP Camera	172.1.90.111	80	1	Uniview		UNIVIEW	IPC2K24SE-ADF40KMC-WL-I0		Access
Motion		0	3	D3 (IP Camera	172.1.90.152	80	1	Uniview		UNIVIEW	IPC3618SB-ADF28KMC-I0	g	Access
Video Lorr		U	4	D4 (IP Camera	172.1.90.132	80	1	Uniview		UNIVIEW	IPC322LR3-VSPF28-D	4	Access
Turne class		0	5	D5 (IP Camera	172.1.90.223	80	X	Uniview		UNIVIEW	IPC868ER-VF18-B		Access
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Privacy Mask		U	7	D7 (IP Camera	172.1.90.223	80	1	Uniview		UNIVIEW	IPC868ER-VF18-B	9	Access
Snapshot		U	8	D8 (IP Camera	172.1.90.223	80	3	Uniview		UNIVIEW	IPC868ER-VF18-B	9	Access
Audio Detection		0	9	D9 (IP Camera	172.1.90.223	80	4	Uniview		UNIVIEW	IPC868ER-VF18-B	Ø	Access
Human Body Detect	tion	-	10	D10 (IP Camer	172.16.0.19	80	1	Uniview	ESH .	1000 0514	10000000 VC10 0		Access
Thermal Imaging			12	D12 (IP Camer	172.1.90.223	00	2	Uniview		UNIVIEW	IPC606EK-VP16-6		Access
Hard Disk	¥	0	12	D12 (IP Camer	172.150.228	80	1	Uniview		UNIVIEW	IPC0/2LK-AX4DUPKC	4	Access
Alarm	¥		1.0	D14 //P Camer	172 16 0 15	80	1	Uniview	EN				Access
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Schedule					172.1.90.225	1	80	1	ONVIE	UNIVIEW				VL-10		Access
Mation		0	0	Added	172.1.90.99		80	1	Uniview	UNIVIEW				10-10-		Access
Video Loss		9	0	Added	172.1.90.132		80	.1	Uniview	UNIVIEW	-	-	COLUMN DE LONGER	»		Access
Tampaina			10	Added	172.1.90.152		80	1	Uniview	UNIVIEW	1					Access
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**Note:** Cameras from different vendors may have different operations, it is strongly recommended to contact the vendor's tech support team to get the Wi-Fi camera connected to the router's network/Wi-Fi.

Here take a Uniview Wi-Fi camera for example:

**Step 1** Power the Wi-Fi camera on and connect your phone to the router's Wi-Fi.

**Step 2** Open the EZView app. Click **Add** under **Menu>Devices>Add>Add Wi-Fi device**. Input the Wi-Fi password and device's register code. Click **Connect Automatically**.

*Note:* Register code can be obtained by scanning the QR code on the camera's white label/quick guide. You may also get the register code from the quick guide and input it manually.

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10-01-	Prepare	× <	Configure D	evice	×		
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	and	Wi-Fi		Redmi 10A	>		
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The camera	a is waiting to be connected Abnormal status?		Connect Automa	atically			
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**Step 3** If the automatic connection fails, you may click **Connect Manually**, follow the instructions, and use the lens of the camera to read the QR code shown on the APP.



**Step 4** If both methods fail, please press and hold the camera's reset button to reset the camera and start over.



If you have a spare Ethernet cable, you can also connect the Wi-Fi camera to the router, power it on with an adapter, set it up manually from its web interface, and connect to the router wirelessly then.

**Step 1** Connect the Wi-Fi camera to the Router with an Ethernet cable.



Blow is the typical topology you may refer to.

Step 2 Change Wi-Fi Mode to Wi-Fi under Setup>Network>Network>Wi-Fi from the camera's web interface

Common	Network Wi-Fi	
Network	Wi-Fi Mode Wait For Connect	tion
Network	Save Wi-Fi Cascade	20106, E018E10315D18E108, gv15228
DNS		
Port		
DDNS		
EZCloud		
E-mail		
802.1x QoS		
Video		
mage		
Intelligent		
Events		
Storage		
Security		
System		

Step 3 Connect the Wi-Fi camera to your router's Wi-Fi, change Obtain IP Address to



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#### DHCP, and click Save.

Common	Network Wi-Fi							
Network	SSID	None						
Network	IP Address	0.0.0.0						
DNS	Subnet Mask	0.0.0.0						
Port	Default Gateway	0.0.0.0						
DDNS	Strength	atl						
EZCloud	Wi-Fi Network							
E-mail	Search							
802.1x	SSID	Channel	MAC Address	Authentication	Encryption	Strength	Strength(dBm)	
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ntelligent		11	-	WPA-PSK WPA2-PSK	CCMP	att	-39	
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	Obtain IP Address	DHCP		$\sim$				

**Step 4** Disconnect the Ethernet cable from the Wi-Fi camera. The camera will be detected by the NVR on the bottom of the camera list on GUI or in the camera list if you click **auto search** on the NVR's web interface. You will be able to add the camera as a normal camera through its IP address then.

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Ø	Audio	Camera D8(IP Camera 14ptz2	Address ) 172.1.90.223	Status	Protocol Uniview	Model		Cam Config	Configure —	Details
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-	Snapshot	D10(IP Camera 02)	172.16.0.19							
	OSD	D11(IP Camera 09ptz	172.1.90.223		Uniview					
Network	Inches	D12(IP Camera 12)	172.1.90.228							
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System	Privacy Mask	D14(iP Camera 14)			Uniview					
_	PTZ	D15(IP Camera 15)	172.16.0.16		Uniview					
		D16(IP Camera 02)	172.1.90.11		Uniview	IPC9312LFW-AF28-2X4				
Backup			172.1.90.11		Uniview	IPC9312LFW-AF28-2X4				
$\ominus$			172.1.90.39		ONVIF	XVR301-04Q				
Storage			172.1.90.45		Uniview	IPC21225R3-F40W-D				B
			172.1.90.179	550) -	Uniview	IPC675LFW-AX4DUPKC-VG		11.25 L	Ø	
			172.1.90.190		Uniview	ET-B31H-M				
Alarm			172.1.90.203		Uniview	IPC3614SB-ADF28KM-I0				
Raintenance		Discovered Device(s):8, A	dded Device(s):16:Id	le Receive	Bandwidth: 3	09Mbps				
		Auto Switch to H.265	Auto S	witch to U	-Code	Doff OBasic	OAdvanced			Exit



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Client	v	Cam	era		Fishey	e		Advance	d					
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Camera	^	Aut	o Swit	ch to H.265	● On ○ Off	Note: Effe	ctive when	first connected						
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Encoding		Re	fresh	Modify	Delete	Auto Se	arch	earch Segment	Betch	Edit Pass				
Audio			No.	Camera ID	Address	Port	Remote	Camera ID Pr	otocol	Status	Vendor	Model		Configure
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limage Drive su March			2	D2 (testte	172.1.90.15	80	1	Uniview		UNIVIEW	IPC36	15LE-ADF28K-G		Access
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Snapshot			4	D4 (Came	172.1.90.183	80	1	Uniview		UNIVIEW	IPC675LF	W-AX4DUPKC-VG		Access
Thermal Imaging			5	D5 (test)	172.1.90.21	80	1	Uniview	101	UNIVIEW	IPC3618	S8-ADF28KMC-I0		Access
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Alarm			7	D7 (IP Ca	172.1.90.22	80	2	Uniview		UNIVIEW	IPC931	2LFW-AF28-2X4	ø	Access
			8	D8 (Came	172.1.90.80	80	1	Uniview		UNIVIEW	IPC2K24SE	-ADF40KMC-WL		Access
Alert	V		9	D9 (IPC 01)	172.1.90.19	80	1	Uniview		UNIVIEW	IPC86	CEB-AF18KC-I0		Access
Network	~		10	D10 (IP Ca	172.1.90,191	80	2	Uniview						Access
Platform	v		11	D11 (IP Ca	172.1.90.24	88	t	Uniview	1001					Access
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User	V		13	D13 (IP.Ca	172.16.0.12	80	1	Uniview	101					Access
Maintenance	V		14	D14 (IP Ca	172,16.0.35	80	1	Uniview	101					Access
Upgrade	v		15	D15 (IP Ca	172.1.90.239	80	2	Uniview	101					Access
10			16	D16 (IP Ca	172,19.0.11	80	1	Uniview	100					Access

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	Ð	172.1.90.108		80	1	ONVIF	UNIVIEW	HC121@TC-08S-Z	TAXABLE AND ADDRESS OF	
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		172.16.0.19		80	1	Uniview	UNIVIEW	IPC3615SB-ADF28KMC-I0	And the second second	
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